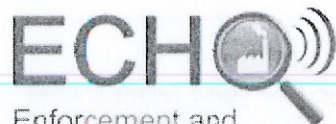


[Menu](#)Enforcement and  
Compliance History Online

## Detailed Facility Report

### Facility Summary

**CATOOSA TEST FACILITY LLC / HALLETT TEST SITE**  
**0.37 MI NW N3620/E0550 RDS, HALLETT, OK 74034** ⓘ

### Facility Information (FRS)

FRS ID: 110043974063

EPA Region: 06

Latitude:

Longitude:

Locational Data Source:

Industry:

Indian Country: N

### Regulatory Interests

Clean Air Act: Operating Minor (OK0000004011700020)

Clean Water Act: No Information

Resource Conservation and Recovery Act: No Information

Safe Drinking Water Act: No Information

### Also Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

### Enforcement and Compliance Summary ⓘ

Statute	Insp (5 Years)	Date of Last Inspection	Current Compliance Status	Qtrs in NC (of 12)	Qtrs in Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
CAA		11/28/2006	No Violation	0	0					

## Facility/System Characteristics

### Facility/System Characteristics

System Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS	110043974063					N		
AIR CAA	OK0000004011700020	Minor Emissions	Operating	CAAMACT, CAANSPS, CAASIP		N		

### Facility Address

System Statute	Identifier	Facility Name	Facility Address
FRS	110043974063	CATOOSA TEST FACILITY LLC / HALLETT TEST SITE	0.37 MI NW N3620/E0550 RDS, HALLETT, OK 74034
AIR CAA	OK0000004011700020	CATOOSA TEST FACILITY LLC / HALLETT TEST SITE	0.37 MI NW N3620/E0550 RDS, HALLETT, OK 74034

### Facility SIC Codes

System	Identifier	SIC Code	SIC Desc
AIR	OK0000004011700020	1389	

### Facility NAICS Codes

System	Identifier	NAICS Code	NAICS Desc
AIR	OK0000004011700020	213112	Support Activities For Oil And Gas Operations

### Facility Tribe Information

Tribal Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned		

## Enforcement and Compliance

### Compliance Monitoring History (5 years)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
CAA	OK0000004011700020	AIR	Stack Test	State	10/07/2013	Findings: Pass Pollutants: Carbon monoxide
CAA	OK0000004011700020	AIR	PCE Off-Site	State	10/15/2014	
CAA	OK0000004011700020	AIR	PCE On-Site Record/Report Review	State	11/16/2012	
CAA	OK0000004011700020	AIR	PCE Off-Site	State	08/04/2014	
CAA	OK0000004011700020	AIR	PCE On-Site	State	06/13/2012	
CAA	OK0000004011700020	AIR	PCE Off-Site	State	02/18/2014	
CAA	OK0000004011700020	AIR	PCE Off-Site	State	02/02/2015	

Entries in italics are not considered inspections in official counts.

### Compliance Summary Data

Statute	Source ID	Current SNC/HPV	Description	Current As Of	Qtrs in NC (of 12)
CAA	OK0000004011700020	No		05/09/2015	0

### Three Year Compliance Status by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12
---------	----------------------------------	-------	-------	-------	-------	-------	-------	-------	-------	-------	--------	--------	--------



Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12
	CAA (Source ID: OK0000004011700020)	04/01-06/30 2012	07/01-09/30 2012	10/01-12/31 2012	01/01-03/31 2013	04/01-06/30 2013	07/01-09/30 2013	10/01-12/31 2013	01/01-03/31 2014	04/01-06/30 2014	07/01-09/30 2014	10/01-12/31 2014	01/01-03/31 2015
	Facility-Level Status	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol
	HPV History												
	Violation Type												
	Programs/Pollutants												
	Historic Violations												

## Informal Enforcement Actions (5 Years)

Statute	Source ID	Type of Action	Lead Agency	Date
No data records returned				

## Formal Enforcement Actions (5 Years)

Statute	Source ID	Type of Action	Lead Agency	Date	Penalty	Penalty Description
No data records returned						

## ICIS Case History (5 years)

Primary Law/Section	Case No.	Case Type	Lead Agency	Case Name	Issued/Filed Date	Settlement Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
No data records returned										

## Environmental Conditions

### Water Quality

Permit ID	Watershed (HUC 8)	Watershed Name (HUC 8)	Watershed (HUC 12)	Watershed Name (HUC 12)	Receiving Waters	Impaired Waters	Combined Sewer System?
No data records returned							

### Air Quality

	Non-Attainment Area?	Pollutant(s)
No		Ozone
No		Lead
No		Particulate Matter

## Pollutants

### TRI History of Reported Chemicals Released in Pounds per Year at Site ⓘ

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases
No data records returned								

### TRI Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

## Demographic Profile

## Demographic Profile of Surrounding Area (3 Miles)

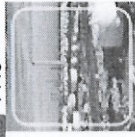
This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 US Census and American Community Survey data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table (LRT) when available.

No demographic information provided for this facility.





## Envirofacts FRS Facility Detail Report



### CATOOSA TEST FACILITY LLC / HALLETT TEST SITE

0.37 MI NW N3620/E0550 RDS

HALLETT, OK 74034

EPA Registry Id: 110043974063

#### Facility Registry Service Links

- Search
  - [FRS Facility Query](#)
  - [FRS EZ Search](#)
  - [Organization Search](#)
- [FRS Physical Data Model](#)
- [FRS Geospatial Model](#)
- [Contact Us](#)
- [Facility Registry Service \(FRS\)](#)
- [Home](#)

[Report an Error](#)

There is no valid (quality assured) locational data currently available in the FRS database for this facility.

#### Environmental Interests

Information System	System Facility Name	Information System Id/Report Link	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests
ICIS-Air (AIR)	CATOOSA TEST FACILITY LLC / HALLETT TEST SITE	OK0000004011700020	AIR MINOR	ICIS	11/05/2014	
AIR FACILITY SYSTEM	CATOOSA TEST FACILITY/HALLETT TEST SITE	4011700020	AIR MINOR (OPERATING)	AIRS/AFS	08/27/2014	

#### Additional EPA Reports: [MyEnvironment](#) Enforcement and Compliance

##### Standard Industrial Classification Codes (SIC)

##### National Industry Classification System Codes (NAICS)

Data Source	SIC Code	Description	Primary	Data Source	NAICS Code	Description	Primary
AIRS/AFS	1389	OIL AND GAS FIELD SERVICES, NOT ELSEWHERE CLASSIFIED		AIR	213112	SUPPORT ACTIVITIES FOR OIL AND GAS OPERATIONS	
AIR	1389	OIL AND GAS FIELD SERVICES, NOT ELSEWHERE CLASSIFIED		AIRS/AFS	213112	SUPPORT ACTIVITIES FOR OIL AND GAS OPERATIONS	

#### Facility Codes and Flags

#### Facility Mailing Addresses

EPA Region: 06

No Facility Mailing Addresses returned.

Duns Number:
Congressional District Number:
Legislative District Number:
HUC Code/Watershed:
US Mexico Border Indicator:
Federal Facility: NO
Tribal Land: NO

Alternative Names

Alternative Name	Source of Data
CATOOZA TEST FACILI/HALLETT TEST SITE	AIRS/AFS

Organizations

No Organizations returned.

Contacts

No Contacts returned.





## Envirofacts Search Results

AFS



### Plant Information

CATOOSA TEST FACILI/HALLETT TEST SITE  
0.37 MI NW N3620/E0550 RDS  
HALLETT, OK 74034  
EPA Plant ID: 110043974063

Operating Status:	O	HPV Flag:	
Operating Status Description:	OPERATING	State Registration Number:	TEAM 13418
State County Compliance Source:	4011700020	Government Facility Code Description:	PRIVATELY OWNED/OPERATED
Region Code:	06	Class Code:	B
Primary SIC Code:	1389	Class Code Description:	POTENTIAL UNCONTROLLED EM
Primary SIC Description:	OIL AND GAS FIELD SERVICE	Compliance Status:	C
NAICS Code:	213112	Compliance Status Description:	IN COMPLIANCE WITH PROCED
NAICS Code Description:	Support Activities for Oil and Gas Operations	Date Plant Information Last Updated:	08/27/2014

### AFS Links

- [Overview](#)
- [Search](#)
- [Model](#)
- [Law](#)
- [AFS Search User Guide](#)
- [Contact Us](#)
- [AFS Home](#)

[Report an Error](#)

### Links for This Facility

- [Air Facility System](#)
- [Facility Registry System](#)
- [Enforcement and Compliance History](#)

### Air Program Information

Air Program Code	Air Program Description	Air Program Status	Air Program Status Description	Air Program Subpart	Air Program Subpart Description	Class Code	Class Code Description	Compliance Status	Compliance Status Description
0	SIP	O	OPERATING			B	POTENTIAL UNCONTROLLED EM	C	IN COMPLIANCE WITH PROCED
9	NSPS	O	OPERATING	IIII	DIESEL ENGINES COMPRESSION COMBUSTION ENGINES	B	POTENTIAL UNCONTROLLED EM	C	IN COMPLIANCE WITH PROCED
M	MACT (SECTION 63 NESHAPS)	O	OPERATING	ZZZZ	RECIPROCATING INTERNAL COMBUSTION ENGINES (RICE)	B	POTENTIAL UNCONTROLLED EM	C	IN COMPLIANCE WITH PROCED

### Pollutant Data



Air Program Code	Pollutant Code / CAS Number	Pollutant / CAS Description	Attain Indicator	Attain Indicator Description	Pollutant Compliance Status	ES Pollutant Compliance Description	Pollutant Class Code	Pollutant Class Description
0	CO	CARBON MONOXIDE	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
0	FACIL	FACILITY-WIDE PERMIT REQUIREMENTS	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
0	FORM	FORMALDEHYDE	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
0	NO2	NITROGEN DIOXIDE	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
0	PM10	PARTICULATE MATTER < 10 UM	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
0	SO2	SULFUR DIOXIDE	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
0	THAP	TOTAL HAP POLLUTANT	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
0	VOC	VOLATILE ORGANIC COMPOUNDS	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
9	CO	CARBON MONOXIDE	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
9	FACIL	FACILITY-WIDE PERMIT REQUIREMENTS	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
9	NO2	NITROGEN DIOXIDE	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
9	PM10	PARTICULATE MATTER < 10 UM	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
9	SO2	SULFUR DIOXIDE	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
9	VOC	VOLATILE ORGANIC COMPOUNDS	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
M	FACIL	FACILITY-WIDE PERMIT REQUIREMENTS	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
M	FORM	FORMALDEHYDE	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM

## Compliance Monitoring Strategy

CMS Start Date	FY2008 CMS Indicator	FY2008 CMS Indicator Description	FY2009 CMS Indicator	FY2009 CMS Indicator Description



## Plant Actions

Action Number	Key Action Numbers	Air Program Codes	National Action Type	National Action Description	Action Type	Action Description	Date Achieved	Penalty Amount	Results Code	Results Code Description	Pollutant Code	Regional Data Element	Regional Data Element 16
90000		0			00	EPA ACTIONS>799	14-FEB-06						
00015		0	PX	STATE/LOCAL PCE/OFF-SITE	ME	PART 63 PERIODIC REPORT	04-AUG-14		01	ACTION ACHIEVED			
00015		9	PX	STATE/LOCAL PCE/OFF-SITE	ME	PART 63 PERIODIC REPORT	04-AUG-14		01	ACTION ACHIEVED			
00015		M	PX	STATE/LOCAL PCE/OFF-SITE	ME	PART 63 PERIODIC REPORT	04-AUG-14		01	ACTION ACHIEVED			
00014		0	PX	STATE/LOCAL PCE/OFF-SITE	ME	PART 63 PERIODIC REPORT	18-FEB-14		01	ACTION ACHIEVED			
00014		9	PX	STATE/LOCAL PCE/OFF-SITE	ME	PART 63 PERIODIC REPORT	18-FEB-14		01	ACTION ACHIEVED			
00014		M	PX	STATE/LOCAL PCE/OFF-SITE	ME	PART 63 PERIODIC REPORT	18-FEB-14		01	ACTION ACHIEVED			
00013		0	TR	STATE/LOCAL REQ (O/O) STACK TEST/NOT OBSV BUT REVD	39	STATE REQ (O/O COND) STACK TEST NOT OBSV BUT REVED	07-OCT-13		PP	STACK TEST PASSED	CO		STACK TEST ID: 4892
00013		9	TR	STATE/LOCAL REQ (O/O) STACK TEST/NOT OBSV BUT REVD	39	STATE REQ (O/O COND) STACK TEST NOT OBSV BUT REVED	07-OCT-13		PP	STACK TEST PASSED	CO		STACK TEST ID: 4892
00013		M	TR	STATE/LOCAL REQ (O/O) STACK TEST/NOT OBSV BUT REVD	39	STATE REQ (O/O COND) STACK TEST NOT OBSV BUT REVED	07-OCT-13		PP	STACK TEST PASSED	CO		STACK TEST ID: 4892
00012		0	TR	STATE/LOCAL REQ (O/O) STACK TEST/NOT OBSV BUT REVD	39	STATE REQ (O/O COND) STACK TEST NOT OBSV BUT REVED	07-OCT-13		PP	STACK TEST PASSED	CO		STACK TEST ID: 4772
00012		9	TR	STATE/LOCAL REQ (O/O) STACK TEST/NOT OBSV BUT REVD	39	STATE REQ (O/O COND) STACK TEST NOT OBSV BUT REVED	07-OCT-13		PP	STACK TEST PASSED	CO		STACK TEST ID: 4772
00012		M	TR	STATE/LOCAL REQ (O/O) STACK TEST/NOT	39	STATE REQ (O/O COND) STACK TEST NOT OBSV BUT	07-OCT-13		PP	STACK TEST PASSED	CO		STACK TEST ID: 4772



				OBSV BUT REVD		REVED							
00011		0			MC	PART 63 PERFORMANCE TEST NOTIFICATION (OWNER/OPER)	21-OCT- 13		01	ACTION ACHIEVED			
00011		9			MC	PART 63 PERFORMANCE TEST NOTIFICATION (OWNER/OPER)	21-OCT- 13		01	ACTION ACHIEVED			
00011		M			MC	PART 63 PERFORMANCE TEST NOTIFICATION (OWNER/OPER)	21-OCT- 13		01	ACTION ACHIEVED			
00010		0	2J	NOTIFICATION RECEIVED	MA	PART 63 INITIAL NOTIFICATION	03-MAY- 13		01	ACTION ACHIEVED			
00010		M	2J	NOTIFICATION RECEIVED	MA	PART 63 INITIAL NOTIFICATION	03-MAY- 13		01	ACTION ACHIEVED			
00009		0	PS	STATE/LOCAL PCE/ON-SITE	PS	STATE PCE ON- SITE REVIEW	16-NOV- 12		01	ACTION ACHIEVED			
00009		M	PS	STATE/LOCAL PCE/ON-SITE	PS	STATE PCE ON- SITE REVIEW	16-NOV- 12		01	ACTION ACHIEVED			
00008		0	PS	STATE/LOCAL PCE/ON-SITE	44	STATE POINT INSPECTION	13-JUN- 12		01	ACTION ACHIEVED			
00007		0	PS	STATE/LOCAL PCE/ON-SITE	44	STATE POINT INSPECTION	28-AUG- 07		01	ACTION ACHIEVED			
00006		0	7C	STATE/LOCAL NOV ISSUED	AE	STATE ALTERNATIVE ENFORCEMENT LETTER	05-JAN- 07		01	ACTION ACHIEVED			TEAM ENF. ID 2778
00005		0	FS	STATE/LOCAL CONDUCTED FCE/ON-SITE	FS	STATE CONDUCTED FCE/ON-SITE	28-NOV- 06		01	ACTION ACHIEVED			
00004		0	FS	STATE/LOCAL CONDUCTED FCE/ON-SITE	FS	STATE CONDUCTED FCE/ON-SITE	12-AUG- 03		01	ACTION ACHIEVED			
00003		0	PS	STATE/LOCAL PCE/ON-SITE	44	STATE POINT INSPECTION	15-JUL- 03		01	ACTION ACHIEVED			
00002		0	FS	STATE/LOCAL CONDUCTED FCE/ON-SITE	FS	STATE CONDUCTED FCE/ON-SITE	07-MAR- 02						
00001		0	PS	STATE/LOCAL PCE/ON-SITE	44	STATE POINT INSPECTION	09-OCT- 01						



[Menu](#)

# Detailed Facility Report

## Facility Summary

**HUGHES CHRISTENSEN CO / BETA TEST FACLTY**  
**8550 FERGUSON RD, BEGGS, OK 74421** ⓘ

### Facility Information (FRS)

FRS ID: 110030746183  
EPA Region: 06  
Latitude: 35.813393  
Longitude: -96.041205  
Locational Data Source: FRS  
Industry:  
Indian Country: N

### Regulatory Interests

Clean Air Act: Operating Synthetic Minor (OK0000004011100023)  
Clean Water Act: No Information  
Resource Conservation and Recovery Act: No Information  
Safe Drinking Water Act: No Information

### Also Reports

Air Emissions Inventory (EIS): No Information  
Greenhouse Gas Emissions (eGGRT): No Information  
Toxic Releases (TRI): No Information

### Enforcement and Compliance Summary ⓘ

Statute	Insp (5 Years)	Date of Last Inspection	Current Compliance Status	Qtrs in NC (of 12)	Qtrs in Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
CAA	1	01/15/2014	No Violation	0	0					

## Facility/System Characteristics

### Facility/System Characteristics

System Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS	110030746183					N	35.813393	-96.041205
AIR CAA	OK0000004011100023	Synthetic Minor Emissions	Operating	CAAMACT, CAASIP		N		

### Facility Address

System Statute	Identifier	Facility Name	Facility Address
FRS	110030746183	HUGHES CHRISTENSEN CO / BETA TEST FACLT	8550 FERGUSON RD, BEGGS, OK 74421
AIR CAA	OK0000004011100023	HUGHES CHRISTENSEN CO / BETA TEST FACLT	8550 FERGUSON RD, BEGGS, OK 74421

### Facility SIC Codes

System	Identifier	SIC Code	SIC Desc
AIR	OK0000004011100023	3533	

### Facility NAICS Codes

System	Identifier	NAICS Code	NAICS Desc
AIR	OK0000004011100023	333132	Oil And Gas Field Machinery And Equipment Manufacturing

### Facility Tribe Information

Tribal Name	EPA Tribal ID	Distance to Tribe (miles)
Cherokee OTSA	38	24.14
Creek OTSA	169	0
Osage Reservation	185	24.03

## Enforcement and Compliance

### Compliance Monitoring History (5 years)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
CAA	OK0000004011100023	AIR	FCE On-Site	State	01/15/2014	

Entries in italics are not considered inspections in official counts.

### Compliance Summary Data

Statute	Source ID	Current SNCHPV	Description	Current As Of	Qtrs in NC (of 12)
CAA	OK0000004011100023	No		05/09/2015	0

### Three Year Compliance Status by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12
	CAA (Source ID: OK0000004011100023)	04/01-06/30 2012	07/01-09/30 2012	10/01-12/31 2012	01/01-03/31 2013	04/01-06/30 2013	07/01-09/30 2013	10/01-12/31 2013	01/01-03/31 2014	04/01-06/30 2014	07/01-09/30 2014	10/01-12/31 2014	01/01-03/31 2015



Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12
	Facility-Level Status	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol	No Viol
	HPV History												
	Violation Type												
	Programs Pollutants												
	Historic Violations												

## Informal Enforcement Actions (5 Years)

Statute	Source ID	Type of Action	Lead Agency	Date
No data records returned				

## Formal Enforcement Actions (5 Years)

Statute	Source ID	Type of Action	Lead Agency	Date	Penalty	Penalty Description
No data records returned						

## ICIS Case History (5 years)

Primary Law/Section	Case No.	Case Type	Lead Agency	Case Name	Issued/Filed Date	Settlement Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
No data records returned										

## Environmental Conditions

### Water Quality

Permit ID	Watershed (HUC 8)	Watershed Name (HUC 8)	Watershed (HUC 12)	Watershed Name (HUC 12)	Receiving Waters	Impaired Waters	Combined Sewer System?
110030746183	11110101	POLECAT-SNAKE	111101010201	Middle Duck Creek			No

### Air Quality

Non-Attainment Area?	Pollutant(s)
No	Ozone
No	Lead
No	Particulate Matter

## Pollutants

### TRI History of Reported Chemicals Released in Pounds per Year at Site ⓘ

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases
No data records returned								

### TRI Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

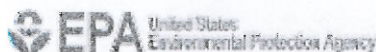
## Demographic Profile



## Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 US Census and American Community Survey data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table (LRT) when available.

Radius of Area:	3	Land Area:	100%	Households in Area:	484
Center latitude:	35.813393	Water Area:	0%	Housing Units in Area:	553
Center Longitude:	-96.041205	Population Density:	47/sq.mi.	Households on Public Assistance:	7
Total Persons:	1,326	Percent Minority:	22%	Persons Below Poverty Level:	470
Race Breakdown		Persons (%)		Age Breakdown	
White:	1,059 (79.86%)			Child 5 years and younger:	88 (6.64%)
African-American:	21 (1.58%)			Minors 17 years and younger:	345 (26.02%)
Hispanic-Origin:	62 (4.68%)			Adults 18 years and older:	981 (73.98%)
Asian/Pacific Islander:	3 (.23%)			Seniors 65 years and older:	158 (11.92%)
American Indian:	126 (9.5%)				
Other/Multiracial:	116 (8.75%)				
Education Level (Persons 25 & older)		Persons (%)		Income Breakdown	
Less than 9th Grade:	38 (5.05%)			Less than \$15,000:	52 (11.61%)
9th through 12th Grade:	55 (7.3%)			\$15,000 - \$25,000:	67 (14.96%)
High School Diploma:	330 (43.82%)			\$25,000 - \$50,000:	146 (32.59%)
Some College/2-yr:	249 (33.07%)			\$50,000 - \$75,000:	81 (18.08%)
B.S./B.A. or More:	81 (10.76%)			Greater than \$75,000:	102 (22.77%)



## MultiSystem Report

**HUGHES CHRISTENSEN CO / BETA TEST FACLTY  
8550 FERGUSON RD  
BEGGS, OK 74421**

Map this facility

EPA Facility Information

*This query was executed on MAY-15-2015*

### AIRS / AFS Information

<b><u>PLANT NAME:</u></b>	HUGHES CHRISTENSEN /BETA TEST FACLTY	<b><u>COMPLIANCE SYSTEM PLANT ID:</u></b>	00023
<b><u>AFS PLANT ID:</u></b>	00023	<b><u>LONGITUDE:</u></b>	0
<b><u>LATITUDE:</u></b>	0	<b><u>PRINCIPAL PRODUCT:</u></b>	
<b><u>DUNS NUMBER:</u></b>		<b><u>EMERGENCY CONTROL:</u></b>	
<b><u>INVENTORY YEAR:</u></b>		<b><u>COMPLIANCE STATUS:</u></b>	IN VIOLATION - NO SCHEDULE
<b><u>CLASS CODE:</u></b>	POT EMISSIONS BELOW MAJR SOURCE THRESHOLDS IF COMPLIES WITH FED REGS/LIMITS		

The current AIRS/AFS database does not have any pollutant data for this facility.

[EPA Home](#) | [Contact Us](#)

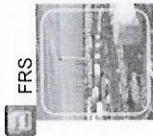
Last updated on Friday, May 15th, 2015  
[http://ofmint.rtpnc.epa.gov/enviro/multisys2.get\\_list](http://ofmint.rtpnc.epa.gov/enviro/multisys2.get_list)





Envirofacts

# FRS Facility Detail Report

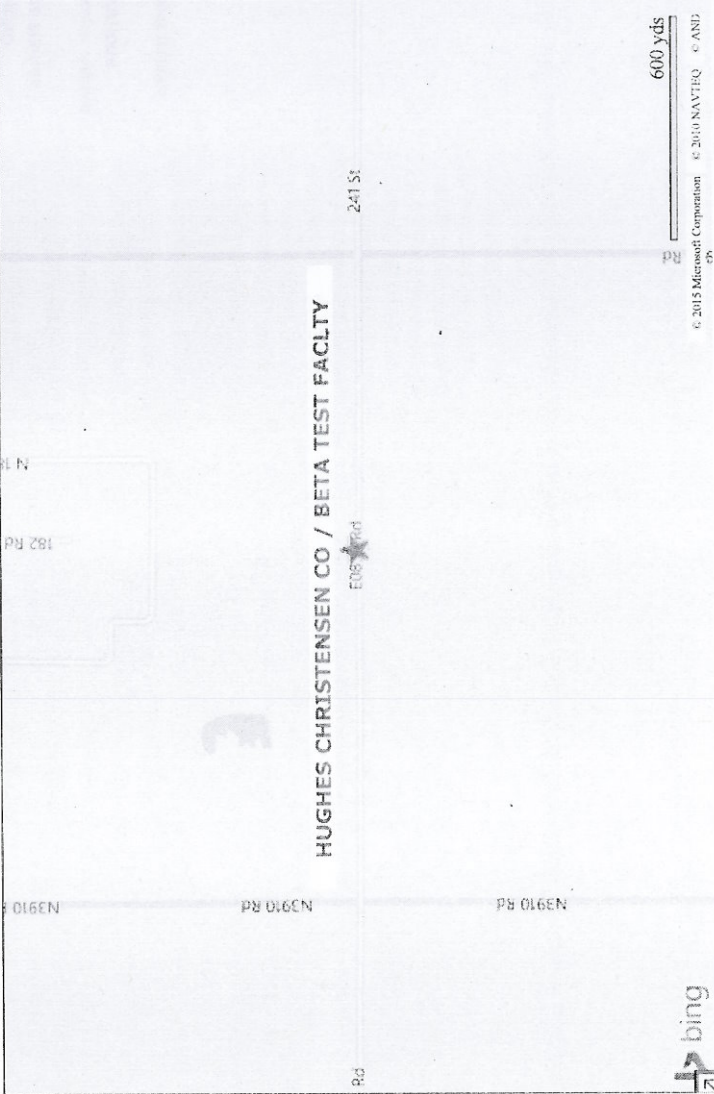


**HUGHES CHRISTENSEN CO / BETA TEST FACILITY**  
8550 FERGUSON RD  
BEGGS, OK 74421  
EPA Registry Id: 110030746183

Facility Registry Service Links

- Search
  - FRS Facility Query
  - FRS EZ Search
  - Organization Search
  - FRS Physical Data Model
  - FRS Geospatial Model
  - Contact Us
  - Facility Registry Service (FRS)
- Home

Report an Error



## Legend

- \* Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.



## Environmental Interests

Information System	System Facility Name	Information System Id/Report Link	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests
ICIS-Air (AIR)	HUGHES CHRISTENSEN CO / BETA TEST FACILITY	OK0000004011100023	AIR SYNTHETIC MINOR	ICIS	11/05/2014	

AIR FACILITY SYSTEM	HUGHES CHRISTENSEN/BETA TEST FACILITY	4011100023	AIR SYNTHETIC MINOR (OPERATING)	AIRSAFS	01/17/2014	
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**Additional EPA Reports:** [MyEnvironment](#) [Enforcement and Compliance](#) [Site Demographics](#) [Facility Coordinates Viewer](#) [Environmental Justice Map Viewer](#) [Watershed Report](#)  
**Standard Industrial Classification Codes (SIC)** [National Industry Classification System Codes \(NAICS\)](#)

Data Source	SIC Code	Description	Primary	Data Source	NAICS Code	Description	Primary
AIRSAFS	3533	OIL AND GAS FIELD MACHINERY AND EQUIPMENT		AIRSAFS	333132	OIL AND GAS FIELD MACHINERY AND EQUIPMENT MANUFACTURING.	

## Facility Codes and Flags

EPA Region: 06							
Duns Number:							
Congressional District Number: 02							
Legislative District Number:							
HUC Code/Watershed: 11110101 / POLECAT SNAKE							
US Mexico Border Indicator:							
Federal Facility: NO							
Tribal Land: NO							

## Alternative Names

No Alternative Names returned.

## Organizations

No Organizations returned.

## Facility Mailing Addresses

No Facility Mailing Addresses returned.

## Contacts

No Contacts returned.



## Envirofacts Search Results



### Plant Information

HUGHES CHRISTENSEN /BETA TEST FACLTY  
8550 FERGUSON RD  
BEGGS, OK 74421  
EPA Plant ID: 110030746183

Operating Status:	O	HPV Flag:	
Operating Status Description:	OPERATING	State Registration Number:	TEAM 06354
State County Compliance Source:	4011100023	Government Facility Code Description:	PRIVATELY OWNED/OPERATED
Region Code:	06	Class Code:	SM ⓘ
Primary SIC Code:	3533	Class Code Description:	POT EMISSIONS BELOW MAJR ⓘ
Primary SIC Description:	OIL FIELD MACHINERY	Compliance Status:	C ⓘ
NAICS Code:	333132	Compliance Status Description:	IN COMPLIANCE WITH PROCED ⓘ
NAICS Code Description:	Oil and Gas Field Machinery and Equipment Manufacturing	Date Plant Information Last Updated:	01/17/2014

### AFS Links

- [Overview](#)
- [Search](#)
- [Model](#)
- [Law](#)
- [AFS Search User Guide](#)
- [Contact Us](#)
- [AFS Training](#)

[Report an Error](#)

### Links for This Facility

- [Air Facility System](#)
- [EnviroMapper for Envirofacts](#)
- [MyEnvironment](#)
- [Facility Registry System](#)
- [Enforcement and Compliance History](#)

### Air Program Information

Air Program Code	Air Program Description	Air Program Status	Air Program Description	Air Program Subpart	Air Program Subpart Description	Class Code	Class Code Description	Compliance Status	Compliance Status Description
0	SIP	O	OPERATING			SM ⓘ	POT EMISSIONS BELOW MAJR ⓘ	C ⓘ	IN COMPLIANCE WITH PROCED ⓘ
M	MACT (SECTION 63 NESHAPS)	O	OPERATING	ZZZZ	RECIPROCATING INTERNAL COMBUSTION ENGINES (RICE)	SM ⓘ	POT EMISSIONS BELOW MAJR ⓘ	C ⓘ	IN COMPLIANCE WITH PROCED ⓘ

### Pollutant Data

Air Program Code	Pollutant Code / CAS Number	Pollutant / CAS Description	Attain Indicator	Attain Indicator Description	Pollutant Compliance Status	ES Pollutant Compliance Description	Pollutant Class Code	Pollutant Class Description
0	CO	CARBON MONOXIDE	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
0	FACIL	FACILITY-WIDE PERMIT REQUIREMENTS	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	SM	POT EMISSIONS BELOW MAJR
0	FORM	FORMALDEHYDE	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
0	NO2	NITROGEN DIOXIDE	A	ATTAINMENT AREA FOR A	C	IN COMPLIANCE WITH PROCED	SM	POT EMISSIONS BELOW MAJR



0	PM10	<u>PARTICULATE MATTER &lt; 10 UM</u>	A	GIV ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
0	SO2	<u>SULFUR DIOXIDE</u>	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
0	VOC	<u>VOLATILE ORGANIC COMPOUNDS</u>	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
M	FACIL	<u>FACILITY-WIDE PERMIT REQUIREMENTS</u>	A	ATTAINMENT AREA FOR A GIV	2	IN COMPLIANCE - SOURCE TE	SM	POT EMISSIONS BELOW MAJR
M	FORM	<u>FORMALDEHYDE</u>	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM

## Compliance Monitoring Strategy

CMS Start Date	FY2008 CMS Indicator	FY2008 CMS Indicator Description	FY2009 CMS Indicator	FY2009 CMS Indicator Description
14-JUN-07	S	80% SYNTHETIC MINOR	S	80% SYNTHETIC MINOR

## Plant Actions

Action Number	Key Action Numbers	Air Program Codes	National Action Type	National Action Description	Action Type	Action Description	Date Achieved	Penalty Amount	Results Code	Results Code Description	Pollutant Code	Regional Data Element	Regional Data Element 16
90000		0			00	EPA ACTIONS>799	14-JUN-07		01	ACTION ACHIEVED			
00016		0	FS	STATE/LOCAL CONDUCTED FCE/ON-SITE	FS	STATE CONDUCTED FCE/ON-SITE	15-JAN-14		01	ACTION ACHIEVED			
00016		M	FS	STATE/LOCAL CONDUCTED FCE/ON-SITE	FS	STATE CONDUCTED FCE/ON-SITE	15-JAN-14		01	ACTION ACHIEVED			
00015		0	2J	NOTIFICATION RECEIVED	MA	PART 63 INITIAL NOTIFICATION	13-JAN-14		01	ACTION ACHIEVED			
00015		M	2J	NOTIFICATION RECEIVED	MA	PART 63 INITIAL NOTIFICATION	13-JAN-14		01	ACTION ACHIEVED			
00014		0			MC	PART 63 PERFORMANCE TEST NOTIFICATION (OWNER/OPER)	30-SEP-13		01	ACTION ACHIEVED			
00013	00007	0	C7	CLOSEOUT MEMO ISSUED	Q5	CLOSEOUT MEMO ISSUED	24-JUN-10		01	ACTION ACHIEVED			TEAM ENF. ID 4823
00012	00007	0	VR	VIOLATION RESOLVED	V2	VIOLATION RESOLVED	24-JUN-10		01	ACTION ACHIEVED			TEAM ENF. ID 4823
				ADMINISTRATIVE ORDER ISSUED		ADMINISTRATIVE ORDER (W/ PENALTY)				ACHIEVED			ENF. ID 4823
00009	00007	0	PX	STATE/LOCAL PCE/OFF-SITE	15	STATE CONFERENCE WITH FACILITY	02-JUN-09		01	ACTION ACHIEVED			TEAM ENF. ID 4823
00008	00007	0	7C	STATE/LOCAL	AE	STATE	15-APR-09		01	ACTION			TEAM

				NOV ISSUED		ALTERNATIVE ENFORCEMENT LETTER			ACHIEVED		ENF. ID 4823
00007	00007	0	2E	STATE/LOCAL DAY ZERO	N6	STATE DAY ZERO	10-MAY-09	01	ACTION ACHIEVED	<u>NO2</u>	TEAM ENF. ID 4823
<div> <div>HPV Day Zero Action:</div> <div>Date: 10-MAY-09</div> <div>Type: N6</div> <div>Description: STATE DAY ZERO</div> </div> <div> <div>HPV Discovery:</div> <div>Date: 26-MAR-09</div> <div>Type: N6</div> <div>Description: STATE CONDUCTED FCE/ON-SITE</div> </div> <div> <div>HPV Addressing Action:</div> <div>Date: 22-FEB-10</div> <div>Type: Z3</div> <div>Description: STATE/LOCAL ADMINISTRATIVE ORDER ISSUED</div> <div>Penalty: \$6615</div> </div> <div> <div>HPV Resolution:</div> <div>Date: 24-JUN-10</div> <div>Type: VR</div> <div>Description: VIOLATION RESOLVED</div> </div> <div> <div>Violation:</div> <div>Pollutant: NO2</div> <div>Type Codes: GC6</div> <div>Identifier: S</div> </div>											
00006	00007	0	FS	STATE/LOCAL CONDUCTED FCE/ON-SITE	FS	STATE CONDUCTED FCE/ON-SITE	26-MAR-09	01	ACTION ACHIEVED		
00005	00003	0	2K	COMPL BY STATE/LOCAL, NO ACT REQ	V5	SOUR RET TO COMPL BY STTE W/ NO FURTHER ACT REQ	03-JUL-08	01	ACTION ACHIEVED		TEAM ENF. ID 4051
00004	00003	0	C7	CLOSEOUT MEMO ISSUED	Q5	CLOSEOUT MEMO ISSUED	03-JUL-08	01	ACTION ACHIEVED		TEAM ENF. ID 4051
00003	00003	0	2E	STATE/LOCAL DAY ZERO	N6	STATE DAY ZERO	13-JUN-07	01	ACTION ACHIEVED	<u>NO2</u>	TEAM ENF. ID 4051
<div> <div>HPV Day Zero Action:</div> <div>Date: 13-JUN-07</div> <div>Type: N6</div> <div>Description: STATE DAY ZERO</div> </div> <div> <div>HPV Discovery:</div> <div>Date: 14-MAY-07</div> <div>Type: N6</div> <div>Description: SELF DISCLOSED VIOLATION</div> </div> <div> <div>HPV Addressing Action:</div> <div>Date: 03-JUL-08</div> <div>Type: Q5</div> <div>Description: CLOSEOUT MEMO ISSUED</div> <div>Penalty:</div> </div> <div> <div>HPV Resolution:</div> <div>Date: 03-JUL-08</div> <div>Type: C7</div> <div>Description: CLOSEOUT MEMO ISSUED</div> </div> <div> <div>Violation:</div> <div>Pollutant: NO2</div> <div>Type Codes: GC6</div> <div>Identifier: S</div> </div>											
00002		0	PS	STATE/LOCAL PCE/ON-SITE	44	STATE POINT INSPECTION	27-SEP-07	01	ACTION ACHIEVED		
00001	00003	0	PX	STATE/LOCAL PCE/OFF-SITE	SF	SELF DISCLOSED VIOLATION	14-MAY-07	01	ACTION ACHIEVED		TEAM ENF. ID 4051



## AFS Data Elements Included in the ECHO Data Download

The Enforcement and Compliance History Online (ECHO) system incorporates data from the Air Facility System (AFS). Note: the AFS Data Element Dictionary (<http://www.epa.gov/compliance/resources/publications/data/systems/air/af1.pdf>) includes more information about the data elements in AFS.

### 1.1 AFS Description

AFS contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners (automobiles and other mobile air pollution sources are tracked by a different EPA system). ECHO's AFS file currently does not contain any data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills.

While AFS maintains data at several levels of detail on an air source, ECHO focuses on the data at the plant level. Plant-level data treats the entire facility as one unit rather than looking at individual emission points, processes, or stacks. Data reported at the plant level include:

- General source Information—identification number, name.
- High Priority Violator Information.
- Air Program Information—a repeating block of data addressing each regulatory area that a facility is subject to (e.g., SIP, NSPS, NESHAP, PSD).

AFS records included in the download files are those where the operating status is planned (has applied for a construction permit), under construction, operating, temporarily closed, seasonal, or permanently closed.

Each Air program offers data on the following:

- Historical Compliance Status (quarterly — FY2007 to present)
- Action/Activity Data (inspections, enforcement actions, etc.—1978 to present)
- Operating Status

The action/activity data provided in the download has been “rolled up” to the plant level, to eliminate multi-counting actions which may have been entered at multiple air programs. For example, an inspection addressing SIP, NSPS, and NSR requirements, and entered into each of the three air program records, will only display once (the data element ALL\_AIR\_PROGRAM\_CODES would indicate that three air programs were addressed by the action).

Only a subset of data elements from AFS is incorporated into ECHO. This document contains the AFS Data Element table as well as definitions those data elements in ECHO download query.

### Air Program Code Definitions

**State Implementation Plan (SIP)** Section 110 of the Clean Air Act requires each state to adopt and submit to EPA for approval a SIP that provides for the maintenance, implementation and enforcement of the National Ambient Air Quality Standards (NAAQS). Each SIP must include a permit program to regulate the modification and construction of any stationary source of air pollution, including stationary sources in attainment and non-attainment areas of the state, as necessary to assure that NAAQS are achieved. SIP requirements are federally enforceable under Section 113 of the Act. Reference 40 CFR Part

52. The SIP air program is considered applicable to each Federally Reportable stationary source in AFS. Additional reporting requirements for SIP are promulgated as standards for various industrial categories. These standards are reported as subparts to the SIP, and are identified using the same subpart identification as the New Source Performance Standards (NSPS). Reporting of SIP subparts are optional.

**SIP Source Under Federal Jurisdiction (FIP)** Under current law, a federally implemented plan to achieve attainment of air quality standards is used when a state is unable to develop an adequate plan, or if jurisdiction does not exist. Sources located on Indian Land should reflect the Native American air program code.

**Non-Federally Reportable** Used to report State/Local/Tribal requirements not defined as federally reportable [reference Section 1, Minimum Data Requirements (MDRs)].

**Chlorofluorocarbons (CFC) Tracking** Under Title VI of the Clean Air Act, EPA is responsible for several programs that protect the stratospheric ozone layer. These programs include: Motor Vehicle Air Conditioning; Stationary Refrigeration and Air Conditioning, Halon Blends and Handling; Phase-out of Ozone Depleting Substances; Methyl Bromide; Nonessential Products Ban; Product Labeling, and Federal Procurement. Reference 40 CFR Part 82. This program is not delegated to State, Local, or Tribal agencies.

**Prevention of Significant Deterioration (PSD)** Part C of the Clean Air Act sets requirements for the prevention of significant deterioration (PSD) of air quality in those areas designated as either attainment or unclassifiable for purpose of meeting the National Ambient Air Quality (NAAQS) standards. These requirements are designed to protect public health and welfare, to assure that economic growth will occur in a manner consistent with the preservation of existing clean air resources and to assure that any decision to permit increased air pollution is made only after careful evaluation of all the consequences of such a decision and after public participation in the decision making process. PSD prohibits the construction and operation of a major emitting facility in an area designed as attainment or unclassifiable unless a permit has been issued that compiles with Section 165 of the Act, including the requirement that the facility install the best available control technology for each pollutant subject to regulation.

**New Source Review (NSR)** New Source Review is a preconstruction permitting program that serves two important purposes: (1.) it ensures the maintenance of air quality standards when factories, industrial boilers and power plants are modified or added. In areas with unhealthy air, NSR assures that new emissions do not slow progress toward cleaner air. In areas with clean air, especially pristine areas like national parks, NSR assures that new emissions fall within air quality standards. Emission calculations are completed using potential emissions. (2.) The NSR program assures that state of the art control technology is installed at new plants or at existing plants that are undergoing a major modification.

In August 2003, EPA issued a final rule that creates a category of activities that automatically will be considered routine maintenance, repair and replacement (RMRR) under the NSR permitting program. The rule defines a process unit, delineates the boundary of a process unit, defines a “functionally equivalent” component, and defines basic design parameters for electric utility steam generating units and other types of process units.

**National Emission Standards For Hazardous Air Pollutants (NESHAP Part 61)** Section 112 of the Clean Air Act identifies substances that have been designated as hazardous air pollutants (HAPs), known for serious health effects, including cancer, from ambient air exposure. HAPs include: Asbestos, benzene, beryllium, coke oven emissions, inorganic arsenic, mercury, radio nuclides and vinyl chloride. Reference 40 CFR Part 61. Additional reporting requirements for NESHAP are promulgated as standards for various



industrial categories. These standards are identified as subparts to the NESHAP, and can be reported to AFS in the 302/502 (Air Program) screen. Subpart reporting is not mandatory.

**Acid Precipitation** The Acid Rain Program requires major reductions of sulfur dioxide and nitrogen oxide emissions (key components of acid rain) from electric utilities, while establishing a new approach to environmental protection through the use of market incentives, a “cap and trade” process. Affected sources are required to install systems that continuously monitor emissions in order to track progress, ensure compliance, and provide credibility to the trading component of the program. Regulated sources must report all emissions as measured by continuous emissions monitors. EPA has established standard reporting procedures and has issued standard software for such reporting.

**Federally Enforceable State Operating Permit Program (FESOP)** This program (usually through SIP revision) provides a mechanism for states to establish federally enforceable State operating permits limiting the potential to emit for sources to remain below the applicability threshold for the operating permits program of Title V of the Clean Air Act (CAA). This program is available to allow States to issue FESOPs to small sources and exempt them from the Title V review, as the large number of small sources could be a resource burden on both the agency and the small sources. FESOP provides the mechanism to establish federally enforceable limits on sources’ potential to emit below the Title V threshold. This air program is used for reporting sources classified as Synthetic Minor (SM).

**Native American** This program is used to identify sources located on Indian Lands. Sources do not have to be operated by tribal entities, but are subject to Tribal authority. In the absence of a Tribal Authorization Rule (TAR) or Implementation Plan (IIP), this air program will be used to identify any source subject to Tribal rule. All other applicable air programs need to be identified.

**Maximum Achievable Control Technology (MACT) Part 63** The EPA is directed to use technology-based and performance-based standards to significantly reduce routine emissions of hazardous air pollutants of facilities within an industry group or source category. The NESHAP standards implemented in 1990 regulate specific categories of stationary sources. The standards of this part are independent of NESHAP. A MACT standard is based on emission levels that are already being achieved by the lower-emitting sources of an industrial sector. Eight years after a MACT standard is issued, EPA must assess the remaining health risks in the categories and may implement additional standards to care for any remaining risk. Reference 40CFR Part 63.

**Title V Operating Permits** Reference 40 CFR Part 70. The Final Rule (July 31, 1992) established an operating permit program for States to develop programs for issuing operating permits to all major stationary sources and to certain other sources. Title V does not impose new requirements, it does provide a permit to operate that assures compliance with all applicable requirements. It allows the delegated agency the authority to collect permitting fees. All permits are required to contain standard permit requirements that specify and reference the origin of authority for each applicable term or condition, the duration of the permit (not to exceed 5 years), the monitoring and related recordkeeping and reporting requirements, emissions trading allowed, Federally-enforceable and compliance requirements. Any operating source with Title V permit application pending should have the “V” air program code with the operating status of “P” for pending entered in AFS. Once the permit has been issued, the operating status should be upgraded to “O” for operating.

## 1.2 AFS Datasets

Element Name	Data Type	Length
<b>Facility/Source Level Identifying Data (AFS_FACILITIES.csv)</b>		
PLANT_ID	Num	22
AFS_ID	Char	10
PLANT_NAME	Char	45
EPA_REGION	Char	2
PLANT_STREET_ADDRESS	Char	35
PLANT_CITY	Char	30
PLANT_COUNTY	Char	3
STATE	Char	2
STATE_NUMBER	Char	2
ZIP_CODE	Char	9
PRIMARY_SIC_CODE	Char	4
SECONDARY_SIC_CODE	Char	4
NAICS_CODE	Char	6
AFS_GOV_FACILITY_CODE	Char	1
FEDERALLY_REPORTABLE	Char	1
EPA_CLASSIFICATION_CODE	Char	2
OPERATING_STATUS	Char	1
EPA_COMPLIANCE_STATUS	Char	1
CURRENT_HPV	Char	1
LOCAL_CONTROL_REGION	Char	2
STATE_COMPLIANCE_STATUS	Char	1
<b>Air Program (AIR_PROGRAM.csv)</b>		
PLANT_ID	Num	22
AFS_ID	Char	10
AIR_PROGRAM_CODE	Char	1
AIR_PROGRAM_STATUS	Char	1
EPA_CLASSIFICATION_CODE	Char	2
EPA_COMPLIANCE_STATUS	Char	1
AIR_PROGRAM_CODE_SUBPARTS	Char	71
POLLUTANT_CODE	Char	5
CHEMICAL_ABSTRACT_SERVICE_NMBR	Char	9
POLLUTANT_CLASSIFICATION	Char	2
POLLUTANT_COMPLIANCE_STATUS	Char	1
<b>Actions (AFS_ACTIONS.csv)</b>		
PLANT_ID	Num	22
AFS_ID	Char	10
ANU1	Num	22
NATIONAL_ACTION_TYPE	Char	2
NATIONAL_ACTION_DESC	Char	50
DATE_ACHIEVED	Char	6
ALL_AIR_PROGRAM_CODES	Char	4000
PENALTY_AMOUNT	Char	9
RESULT_CODE	Char	2
POLLUTANT_CODE	Char	5
ALL_VIOLATING_POLL_CODES	Char	17
ALL_VIOLATION_TYPE_CODES	Char	27
KEY_ACTION_NUMBERS	Char	59
REGIONAL_DATA_ELEMENT_8	Char	2
DATE_RECORD_IS_UPDATED	Char	6
CREATION_DATE	Char	8
<b>Historical Compliance - Air Program Level (AFS_AIR_PRG_HIST_COMPLIANCE.csv)</b>		
AFS_ID	Char	10
AIR_PROGRAM_CODE	Char	1
HISTORICAL_COMPLIANCE_DATE	Char	4
HISTORICAL_COMPLIANCE_STATUS	Char	1
<b>Historical High Priority Violation Status (AFS_HPV_HISTORY.csv)</b>		
AFS_ID	Char	10
HPV_DAYZERO_TYPE	Char	2
HPV_DAYZERO_DESC	Char	50
HPV_DAYZERO_DATE	Date	
HPV_RESOLVED_TYPE	Char	2
HPV_RESOLVED_DESC	Char	50
HPV_RESOLVED_DATE	Date	



### 1.3 AFS Data Element Definitions

The following is a list of AFS data elements and AFS-derived elements contained in the download. The data elements are listed alphabetically by data element name. .

**AFS\_GOV\_FACILITY\_CODE** - A one-character code indicating if plant is government facility.

Code	Description
0	PRIVATELY OWNED/OPERATED
1	OWNED/OPERATED BY FED GOV
2	OWNED/OPERATED BY ST GOV
3	OWNED/OPERATED BY COUNTY
4	OWNED/OP BY MUNICIPALITY
5	OWNED/OP BY DISTRICT
6	OWNED/OPERATED BY TRIBE

**AFS\_ID** - A 10-character alphanumeric code which uniquely identifies each permitted plant. The AFSID is composed of the Census FIPS state code, the FIPS county code and the unique AFS plant ID. Also known as SCSC in AFS.

**AIR\_PROGRAM\_CODE** - A one-character code used to identify 1) the regulatory air program(s) that applies to a particular plant or point, and 2) the regulatory air program(s) authorizing and associated with an action taken by a local, state or federal regulatory agency. Code values include:

Code	Description
A	Acid Precipitation
F	FESOP - (NON-TITLE V)
I	Native American
M	MACT (Section 63 NESHAPS)
T	TIP (TRIBAL IMPLEMENTATION PLAN)
V	Title V Permits
0	SIP Source
1	SIP Source under federal jurisdiction
3	Non-Federally Reportable Source
4	CFC Tracking
6	PSD
7	NSR
8	NESHAP
9	NSPS

**AIR\_PROGRAM\_CODE** - A one-character code representing the operational condition of the associated air program (AIR\_PROGRAM\_CODE). Air Program Status values include:

Code	Description
C	Under Construction
D	NESHAP Demolition
I	Seasonal

L	Landfill
O	Operating
P	Planned (Has Applied For A Construction Permit)
R	NESHAP Renovation
S	NESHAP Spraying
T	Temporarily Closed
X	Permanently Closed

**AIR\_PROGRAM\_CODE\_SUBPARTS** - A field indicating applicable air program subparts. Multiple subpart codes are delimited by a single blank space within AIR\_PROGRAM\_CODE\_SUBPARTS. Subpart code values are:

Code	Description
AA	ELEC-ARC STEEL FURNACE 10/21/74-8/17/83
AAA	EL-ARC FRN, ARGON-02 DECARB VESSL 8/7/83
B	RADON FROM UNDERGROUND URANIUM MINES
BB	BENZENE EMISS FROM BENZENE TRANSFR OPER
BB	KRAFT PULP MILLS
BBB	RUBBER TIRE MANUFACTURE
C	BERYLLIUM
CC	GLASS MANUFACTURING PLANT
CCCC	COMMERCIAL & INDUSTRIAL SOLID WASTE INCINERATORS CONSTRUCTED
CE	EXISTING HOSPITAL/MEDICAL/INFECTIOUS WASTE INCINERATORS
D	BERYLLIUM ROCKET MOTOR FIRING
D	FOSSIL FUEL GENER BUILT AFTER 8/17/71
DA	ELEC UTIL STEAM GENER AFTER 9/18/78
DB	INDUS-COMMERC-INSTITUTL STEAM GENERATOR
DC	SMALL INDUS-COMMER-INSTITUTL STEAM GENER
DD	GRAIN ELEVATORS
DDD	VOC EMISS FROM POLYMER MANUFACTURING
E	MERCURY
E	INCINERATORS
EA	MUNICIPAL WASTE COMBUSTORS
EC	NEW HOSPITAL/MEDICAL/INFECTIOUS WASTE INCINERATORS
EE	SURFAC COATING OF METAL FURNITURE
F	VINYL CHLORIDE
F	PORTLAND CEMENT PLANTS
FF	BENZENE WASTE OPERATIONS
FFF	FLEXIBLE VINYL/URETHANE COATING/PRINTING
G	NITRIC ACID PLANTS
GG	STATIONARY GAS TURBINES
GGG	EQUIP VOC LEAKS PETROLEUM REFINERIES
H	RADIONUCS OTR THN RADON FROM DPT OF ENGY
H	SULFURIC ACID PLANTS
HH	LIME MANUFACTURING PLANTS



Code	Description
HHH	SYNTHETIC FIBER PRODUCTION FACILITIES
I	RADIONUCS NRC LICNSD OR FEDRL, NOT SUB-H
I	ASPHALT CONCRETE PLANTS
III	VOC EMISS OF SOCMI AIR-O2 UNIT PROCESS
J	EQUIP LEAK (FUGITIVE EMISS SRC) BENZENE
J	PETROLEUM REFINERIES
JJJ	PETROLEUM DRY CLEANERS
K	RADIONUCS FROM ELEMENTAL PHOSPHORUS PLNT
K	PETROLEUM STORAGE VESSEL 6/11/73 5/19/78
KA	PETROLEUM STORAGE VESSEL 5/19/73 7/23/84
KB	VOLATILE LIQ/PETRO STORAGE VESSEL 7/23/84
KK	LEAD-ACID BATTERY MANUFACTURING PLANTS
KKK	VOC EMISS, ONSHORE NATURAL GAS PROC PLNT
L	BENZENE FROM COKE BY-PRODUCT RECOVERY
L	SECONDARY LEAD SMELTERS
LL	METALLIC MINERAL PROCESSING PLANTS
LLL	SO2 EMISS, ONSHORE NATURAL GAS PROC PLNT
M	ASBESTOS
M	SECONDARY BRASS & BRONZE PRODUCTN PLANTS
MM	AUTO/LT-DUTY TRK SURFACE COATING OPERATN
N	INORGANIC ARSENIC, FROM GLASS MANUFACT
N	PRIMARY EMISS BASIC O2 PROCESS FURNACES
NA	SECNDRY EMISS BASIC O2-PROC STEEL FACIL
NN	PHOSPHATE ROCK PLANTS
NNN	VOC EMISS OF SOCMI DISTILLATION OPERATN
O	INORG ARSENIC FROM PRIMARY COPPER SMLTR
O	SEWAGE TREATMENT PLANTS
OOO	NONMETALLIC MINERAL PROCESSING PLANTS
P	INORG ARSENIC, ARS TRIOXIDE, METAL ARS
P	PRIMARY COPPER SMELTERS
PP	AMMONIUM SULFATE MANUFAC
PPP	WOOL FIBERGLASS INSULATION PRODUCTION – NSPS
Q	RADON FROM DOE FACILITIES
Q	PRIMARY ZINC SMELTERS
QQ	GRAPH ART: PUBLICATION ROTOGRAVURE PRINT
QQQ	VOC EMISS PETRO REFINERY WATERWASTE SYS
R	RADON FROM PHOSPHOGYMSUM STACKS
R	PRIMARY LEAD SMELTERS
RR	PRESSR-SENSIT TAPE, LABEL SURFACE COATING
RRR	SOCMI REACTOR
S	PRIMARY ALUMINUM REDUCTION PLANTS
SS	LARGE APPLIANCES
SSS	MAGNETIC TAPE COATING
T	RADON, DISPOSAL OF URANIUM MILL TAILINGS

Code	Description
T	PHOSPHATE FRTLZR: WET-PROC PHOSPH ACID
TT	METAL COIL SURFACE COATING
TTT	IND-SURF-COAT: PLASTICS, BUSINESS MACHNS
U	PHOSPHATE FRTLZR: SUPERPHOSPHORIC ACID
UU	ASPHALT PROCESSING & ROOFING MANUFACTURE
UUU	CALCINERS/DRYERS IN MINERAL INDUSTRIES
V	EQUIPMENT LEAKS (FUGITIVE EMISSIONS SRC)
V	PHOSPHATE FRTLZR: DIAMMONIUM PHOS PLANT
VV	EQUIPT VOC LEAKS IN SYNTH-ORGAN-CHEM MFG
VVV	POLYMERIC COATING OF SUPPORTING SUBSTRATS FACILITIES – NSPS
W	RADON FROM OPERATING MILL TAILINGS
W	PHOSPHATE FRTLZR: TRIPLE SUPERPHOS PLNT
WW	BEVERAGE CAN SURFACE COATING
WWW	MUNICIPAL SOLID WASTE LANDFILLS
X	PHOSPHATE FRTLZR: GRANULAR 3-SUPER STOR
XX	BULK GASOLINE TERMINALS
Y	BENZENE EMISS FROM BNZN STORAGE VESSELS
Y	COAL PREPARATION PLANTS
Z	FERROALLOY PRODUCTION FACILITIES

**ALL\_VIOLATING\_POLL\_CODES** - One or more five character code values that identifies pollutant(s) in violation by the related national action. See Appendix 1 for values.

**ALL\_VIOLATION\_TYPE\_CODES** - One or more three character codes that identify the types of violations cited for a violation or administrative penalty. Values are:

Code	Description
GC1	Fail to Obtain Psd or Nsr Permit and/or a Permit for Major Mods to Either
GC2	Viol. of Air Toxics Req. Resulting in Either EE or Viol. Op Parm Restricts
GC3	Viol. by SM of Emis Lim or Perm. Condition Effecting Srcs PSD, NSR or T5
GC4	Viol. of any Substantive Term of any S/L or Fed Order, Consent Decree or AO
GC5	Substantial Viol. of T5 Cert. Obligation, <i>e.g.</i> , Failure to Submit a Cert
GC6	Substantial Violation of Srcs Obligation to Submit T5 Permit Application
GC7	Test/Monitor/Records/Reporting Viol. that Substan. Interfere w/Enf or Cmst
GC8	Viol. of Allw Emis. Limit Detected during a Reference Method Stack Test
GC9	Clean Air Act (CAA) Violations by Chronic or Recalcitrant Violators
G10	Substantial Violation of Clean Air Act Section 112(R) Requirements
M1A	Any Violation of Emission Limit Detected via Stack Testing
M1B	Violation of Emission Limits > 15% via Sampling
M1C	Violation of Emission Limits > The SST (Supplemental Sig. Threshold)
M2A	Violation of Direct Surrogate For >5% of Limit For >3% of Operating Time
M2B	Violation of Direct Surrogate For >50% of Operating Time (OT)
M2C	Violation of Direct Surrogate of >25% For 2 Reporting Periods
M3A	Violation of Non-Opacity Standard via CEM of >15% For >5% of Operating Time
M3B	Violation of Non-Opacity Standard via CEM of the Supplement. Sig. Threshold
M3C	Viol. of Non-Opacity Std via CEM of >15% for 2 Reporting Periods
M3D	Viol. of Non-Opacity Std via CEM of >50% of the Oper Time during Report Per



M3E	Viol of Non-Opacity Std via CEM of >25% During 2 Consec. Reporting Periods
M3F	Any Violation of Non-Opacity Standard via CEM
M4A	Violation of Opacity Standards (0-20%) via Continuous Opacity Monitoring
M4B	Viols. of Opacity Stds >3% of Op Time via Com During 2 Consec. Rept Perds
M4C	Violation of Opacity Stds (>20%) via Com For >5% of Operating Time
M4D	Violation of Opacity Standards (>20%) via Com For 5% Operating Time
M4E	Violation of Opacity Standards (0-20%) via Method 9 VE Readings
M4F	Violation of Opacity Standards (>20%) via Method 9 VE Readings

**ANU1** – The action number is a numeric field used to uniquely identify an action record.

**CURRENT\_HP** - A one-character code indicating if plant is currently categorized as a High Priority Violator. Values include

Code	Description
B	Violation Unaddressed; EPA And State Share Lead Enforcement
C	Violation Addressed; EPA And State Share Lead Enforcement
D	Src W/Svil=B W/Changed Comp. Status Code From 1 Or 6 To 2,3,4,8 Or 9(Obsolete)
E	Violation Unaddressed; EPA Has Lead Enforcement
F	Violation Addressed; EPA Has Lead Enforcement
G	Src W/Svil=E W/Changed Comp. Stat. Code from 1 Or 6 To 2,3,4,8 Or 9(Obsolete)
H	EPA (Lead) Resolved In A Prior Fiscal Year (Obsolete)
P	Both (Lead) Resolved In A Prior Fiscal Year (Obsolete)
S	Violation Unaddressed; State/Local Has Lead Enforcement
T	Violation Addressed; State Has Lead Enforcement
U	Src W/Svil=S W/Changed Compliance Status from 1 Or 6 To 2,3,4,8, Or 9 (Obsolete)
V	State (Lead) Resolved In A Prior Year (Obsolete)
X	Violation Unaddressed; Enforcement Lead Unassigned

**CHEMICAL\_ABSTRACT\_SERVICE\_NMBR** (CAPP) -The chemical abstract number (CAS) for the pollutant if it exists.

**CREATION\_DATE (DCRE)** - The date the action record was created in AFS. This date is automatically generated when a new plant action record is created in AFS.

**DATE\_ACHIEVED** - Field that indicates the date (YYYYMMDD) of a completed compliance action (NATIONAL\_ACTION\_TYPE).

**DATE\_RECORD\_IS\_UPDATED (DU17)** - The last date the action record was updated.

**EPA\_CLASSIFICATION\_CODE** - A two-character code that categorizes a source's emission status according to the Alabama Power Decision's definition of a Major Source, or the 1993 EPA Compliance Monitoring Branch Classification Guidance. If there is no EPA Classification Code present, this field displays the State Classification Code value. AFS generates a plant classification reflecting the highest emission level classification of criteria pollutants regulated by an Air program.

EPA\_CLASSIFICATION\_CODE reflects the EPA Classification Code at the general plant level. Valid codes for the plant/source level (EPA\_CLASSIFICATION\_CODE), the pollutant level

(POLLUTANT\_CLASSIFICATION) and the air program level (EPA\_STATE\_CLASSIFICATION\_CODE) include:

Code	Description
A	Actual or potential emissions are above the applicable major source thresholds.
A1	Actual or potential controlled emissions >100 tons/year as per Alabama Power Decision.
A2	Actual emissions <100 tons/year, but potential uncontrolled emissions >100 tons/year.
B	Potential uncontrolled emissions <100 tons/year
C	Class is unknown.
E1	Unregulated pollutant actual or potential controlled emissions >100 tons/year as per Alabama Power Decision.
E2	Unregulated pollutant actual emission <100 tons/year.
ND	Major Source thresholds are not defined.
SM	Potential emissions are below all applicable Major Source enforceable regulations or limitations.
UK	Unknown Pollutant Classification.

**EPA\_COMPLIANCE\_STATUS** - A one-character code reflecting EPA's determination of compliance for a facility (or point within a facility) with regard to pollutants regulated by an Air program or by the procedural requirements of a permit. (This corresponds to the AFS field DCS1 at the facility level, and DCA1 at the program level. That is, it is the worst case of the EPA and State fields.) Values include:

Code	Description
A	Unknown With Regard To Procedural Compliance
B	In Violation With Regard To Both Emissions And Procedural Compliance
C	In Compliance With Procedural Requirements
D	HPV Violation (Auto-Generated)
E	FRV Violation (Auto-Generated)
F	HPV On Schedule (Auto-Generated)
G	FRV On Schedule (Auto-Generated)
H	In Compliance (Auto-Generated)
M	In Compliance – CEMs
P	Present, See Other Program(s)
U	Unknown By Evaluation Calculation (Generated Value-Not Available For Input)
W	In Violation With Regard To Procedural Compliance
Y	Unknown With Regard To Both Emissions And Procedural Compliance
0	Unknown Compliance Status
1	In Violation - No Schedule
2	In Compliance - Source Test
3	In Compliance – Inspection
4	In Compliance – Certification
5	Meeting Compliance Schedule
6	In Violation - Not Meeting Schedule
7	In Violation - Unknown With Regard To Schedule
8	No Applicable State Regulation
9	In Compliance - Shut Down

**EPA\_REGION** – A two-character code identifying the EPA Region in which the plant is located.



Code	Description
01	EPA Region 1 – CT, ME, MA, NH, RI, VT
02	EPA Region 2 – NJ, NY, PR, VI
03	EPA Region 3 – DE, DC, MD, PA, VA, WV
04	EPA Region 4 – AL, FL, GA, KY, MS, NC, SC, TN
05	EPA Region 5 – IL, IN, MI, MN, OH, WI
06	EPA Region 6 – AR, LA, NM, OK, TX
07	EPA Region 7 – IA, KS, MO, NE
08	EPA Region 8 – CO, MT, ND, SD, UT, WY
09	EPA Region 9 – AZ, CA, HI, NV, AS, GU
10	EPA Region 10 – AK, ID, OR, WA

**EPA\_STATE\_CLASSIFICATION\_CODE** - A two-character code that categorizes an air program's emission status according to the Alabama Power Decision's definition of a Major Source, or the 1993 EPA Compliance Monitoring Branch Classification Guidance. See EPA\_CLASSIFICATION\_CODE for valid code values.

**FEDERALLY\_REPORTABLE** - ECHO generates the Federally Reportable indicator. FEDERALLY\_REPORTABLE displays a “Y” if the facility is federally reportable and a “N” if the facility is not federally reportable. A facility is federally reportable if it's emission classification is “major” or “synthetic minor”, or it is subject to NSPS or NESHAP requirements and it's source-level compliance status is not equal to “no applicable state regulation” (AFS.EPA\_CLASSIFICATION\_CODE = A, A1, A2, SM OR (AFS.AIR\_PROGRAM\_CODE = 8, 9 and AFS.EPA\_COMPLIANCE\_STATUS is not equal to 8)).

**HISTORICAL\_COMPLIANCE\_STATUS** - A compliance status associated with a year and quarter time frame. See EPA\_COMPLIANCE\_CODE for valid code values.

**HISTORICAL\_COMPLIANCE\_DATE** - The date (in YYQQ format) associated with an historical air program level compliance status. Quarters are calendar year-quarters (not fiscal year), i.e., quarter one covers January 1 –March 31.

**HPV\_DAYZERO\_TYPE** - Code designating the lead agency for the high priority violator in AFS. These correspond to the AFS national action types for “day zeroes”, indicating the start of high priority violation status.

Code	National Description
2B	DAY ZERO - SHARED ENFORCEMENT LEAD
2E	STATE DAY ZERO
2Z	FEDERAL DAY ZERO

**HPV\_RESOLVED\_TYPE** - These correspond to AFS national action types which resolved the HPV pathway in AFS, indicating the high priority violation was resolved. If the HPV pathway was unresolved as of the data extract, this will be blank.

Code	National Description
C3	113D PEN COLLECTED
C7	CLOSEOUT MEMO ISSUED
2K	COMPL BY STATE, NO ACT REQ
WD	EPA 113D WITHDRAWN
2L	PROPOSED SIP REVISION TO COMPLIANCE
7G	SOURCE RET TO COMPL BY USEPA W/NO FURTHER ACT REQ
2M	SOURCE SPECIFIC SIP REVISION
VR	VIOLATION RESOLVED

**KEY\_ACTION\_NUMBERS (KAN1)** – A key action number is assigned to an action to indicate which violation pathway to full compliance evaluation (FCE) pathway the action is linked. An action can be linked to a maximum of ten pathways.

**LOCAL\_CONTROL\_REGION (LCON)** – A two character code identifying the Local Control Region Code with jurisdiction over a plant. Note: LCON codes have different meanings in each state.

**NAICS\_CODE** - The Primary NAIC Code is the North American Industry Classification (NAIC) code for the plant. The North American Industry Classification System (NAICS) replaced the U.S. Standard Industrial Classification (SIC) system as the standard for industry classification in 1997.

**NATIONAL\_ACTION\_TYPE** - A two-character code identifying a compliance activity including inspections and enforcement actions. The National Action Type field translates region-specific action type codes to the corresponding EPA national activity code. This field represents unique actions which may be recorded multiple times at different air programs, *e.g.*, the same inspection addressing Title V, SIP and NSPS requirements is represented by a single NATIONAL\_ACTION\_TYPE value. The lead agency for a national action is indicated within its description. The most commonly used codes for inspections are: FF, FS, FE, FZ, 1A, & 5C for full inspections, and EM, EO, ES, EX, PC, PO, PP, PR, PS & PX for partial inspections. The most commonly used codes for formal enforcement actions are: 1B, 2D, 6B, 7A, 7E, 7F, 8A, 8C, & 9A.

Valid values for NATIONAL\_ACTION\_TYPE include:

Code	National Description
1A	EPA INSPECTION - LEVEL 2 OR GREATER
1B	113(D)(4) INNOV. TECH. ORDER APPROVD/ISS
1C	APPLICATION TO EPA COMPLETE
2A	EPA CONDUCTED STACK TEST
2C	EPA PSD PERMIT ISSUED
2D	CONSENT AGREEMENT FILED
2K	COMPL BY STATE, NO ACT REQ
2L	PROPOSED SIP REVISION TO COMPLIANCE
3A	OWNER/OPERATOR CONDUCTED SOURCE TEST
3C	NEW SOURCE COMMENCE CONSTRUCTION
3E	WARNING NOTIFICATION OF VIOLATION
3F	WARNING SUBSTANTIVE VIOLATION



Code	National Description
4A	NESHAP WAIVER OF COMPLIANCE ISSUED
4C	NEW SOURCE START-UP
4D	STATE NONCOMPLIANCE PENALTY ASSESSED
5A	EPA PRE-NOV LETTER SENT
5C	STATE INSPECTION - LEVEL 2 OR GREATER
5D	STATE PSD APPLICABILITY DETERMINATION
6A	EPA NOV ISSUED
6B	EPA COURT CONSENT DECREE
6C	STATE CONDUCTED STACK TEST
6D	STATE PSD APPLICATION COMPLETE
7A	NOTICE OF NONCOMPLIANCE (SECTION 120)
7C	STATE NOV ISSUED
7D	STATE PSD PERMIT ISSUED
7E	EPA 167 ORDER
7F	113D APO COMPLAINT FILED.
7G	COMPL BY EPA, NO ACT REQ
8A	EPA 113(A) ORDER ISSUED
8B	113(D) PENALTY ORDER FILED
8C	STATE ADMINISTRATIVE ORDER ISSUED
8D	OFFSET APPLICABILITY DETERMINATION
9A	113(D) DELAYED COMPL. ORDER APPROVED/ISSUED BY EPA
9B	EPA PSD APPLICABILITY DETERMINATION
9D	OFFSET PERMIT ISSUED
C1	113 CONFERENCE
C4	FINAL COMPLIANCE
C7	CLOSEOUT MEMO ISSUED
C8	DECREE LODGED
CB	TITLE V ANNUAL COMPL CERT DUE/RECVD BY
CC	TITLE V COMPLIANCE CERT DUE/RECEIVED BY
EC	EPA INVESTIGATION CONDUCTED
ED	EPA/STATE DEMAND LETTER
EE	COMPLAINT ON-SITE PCE (EPA)
EI	EPA INVESTIGATION STARTED
EM	PROCESS OFF-SITE PCE (EPA)
EO	ON-SITE PCE OBSERVATION (EPA)
ER	TITLE V COMPLIANCE CERTIFICATION REVIEW BY EPA
ES	EPA PCE/ON-SITE (PCE = Partial Compliance Evaluation)
EX	EPA PCE/OFF-SITE
FE	EPA FCE/ON-SITE (FCE = Full Compliance Evaluation)
FF	STATE CONDUCTED FCE/OFF-SITE
FS	STATE CONDUCTED FCE/ON-SITE
FZ	EPA CONDUCTED FCE/OFF-SITE
HR	113D HEARING
LL	EPA SECTION 114 LETTER

Code	National Description
OT	OTHER ADDRESSING ACTION
PC	COMPLAINT ON-SITE PCE (STATE)
PO	ON-SITE PCE OBSERVATION (STATE)
PP	PERMIT ON-SITE PCE (STATE)
PR	PROCESS OFF-SITE PCE (STATE)
PS	STATE PCE/ON-SITE
PX	STATE PCE/OFF-SITE
SC	STATE INVESTIGATION CONDUCTED
SD	STATE DEMAND LETTER
SE	113(D) SETTLEMENT
SI	STATE INVESTIGATION STARTED
SR	TITLE V COMPLIANCE CERTIFICATION REVIEW BY STATE
ST	AGENCY NON-MDR STACK TEST
TE	EPA REQ (O/O COND) STACK TEST/NOT OBSVD
TO	EPA REQ (O/O COND) STACK TEST OBSERVED & REVIEWED
TR	STATE REQ (O/O COND) STACK TEST/NOT
VR	VIOLATION RESOLVED
WD	EPA 113D WITHDRAWN

Note: this is a subset of all possible NATIONAL\_ACTION\_TYPE values, limited to compliance monitoring and enforcement activities.

**NATIONAL\_ACTION\_DESC** – Text description for value NATIONAL\_ACTION\_TYPE.

**ALL\_AIR\_PROGRAM\_CODES** - A field which indicates all air programs associated with a given National Action Type (NATIONAL\_ACTION\_TYPE). Each associated AIR\_PROGRAM\_CODE is delimited by a single blank space between values.

**OPERATING\_STATUS** - A one-character code representing the operational condition of the plant. The operating status for a plant is generated from the most significant operative value assigned to subordinate Air programs (AIR\_PROGRAM\_STATUS). See AIR\_PROGRAM\_STATUS for valid code values.

**PENALTY\_AMOUNT** - Field that indicates the amount of the civil penalty associated with a national action type (NATIONAL\_ACTION\_TYPE) which was assessed, or agreed to by a facility in the final agreement between the enforcement authority and the plant.

**PLANT\_CITY** - Field containing the name of the city or town where the plant is located.

**PLANT\_COUNTY** - Field containing the code of the county where the plant is located.

**PLANT\_NAME** - The name associated with a plant at a given location.

**PLANT\_STREET\_ADDRESS** - Field that indicates the street address for the physical location of the plant.

**POLLUTANT\_CLASSIFICATION** (Air Program Pollutant Classification) A two-character code that categorizes a source air program's emission status. See EPA\_CLASSIFICATION\_CODE above for valid code values.

**POLLUTANT\_CODE** - A five-character code that identifies a pollutant tracked at the air program level. See Appendix 1 for values.

**POLLUTANT\_COMPLIANCE\_STATUS** - A one-character code reflecting the compliance status for a specified air program pollutant. See EPA\_COMPLIANCE\_STATUS for valid code values.

**PRIMARY\_SIC\_CODE** - The *Primary SIC Code* is the four-character Standard Industrial Classification code that classifies the main product produced or service performed at the plant.

**REGIONAL\_DATA\_ELEMENT\_8 (RD81)** - Compliance Codes of "In Compliance (MC), In Violation (MV), or Unknown (MU)" are entered for Title V Annual Compliance Certification reviews.

**RESULT\_CODE** - Code indicating results of Stack Test and Title V review. Values include:

Code	Description
01	ACTION ACHIEVED
02	NOT ACHIEVED
03	ACTION RESCHED.
97	APPROVED
98	DISAPPROVED
99	PENDING
FF	STACK TEST FAILED
FR	FED REPT VIOL.
MA	QEER ADEQUATE
MC	IN COMPLIANCE
MI	QEER INADEQUATE
MR	RETEST REQ
MU	UNKNOWN CMST
MV	IN VIOLATION
PP	STACK TEST PASSED

**SECONDARY\_SIC\_CODE** - The Secondary SIC Code is the four-character Standard Industrial Classification code that classifies a product produced or service performed at the plant that is other than the one described by the Primary SIC Code (PRIMARY\_SIC\_CODE).

**STATE** - Two-character postal abbreviation code to identify the state where the plant is located.

**STATE\_COMPLIANCE\_STATUS (SCS1)** – A one-character code which reflects the state agency's determination of the compliance status of a facility with regards to pollutants regulated by an air program or by the procedural requirements of a permit. Compliance falls within four categories: in compliance, out of compliance, on schedule, or unknown. The most serious state compliance status across all air programs and pollutants is shown.



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**STATE\_NUMBER (STTE)** – A two-digit number corresponding to the state, using the federal information processing system (FIPS) standard.

**ZIP\_CODE** - Field that contains the five or nine-digit zip code for the plant address.

## Appendix 1. Pollutant Codes Used by Data Element POLLUTANT\_CODE

Code	Description
AB	Asbestos
ACEHY	Acetaldehyde
ACEPH	Acetophenone
ACET	Acetone
ACETM	Acetamide
ACETR	Acetonitrile
ACETY	Acetylenes (Alkynes)
ACRAC	Acrylic Acid
ACRLA	Acrylamide
ACRLE	Acrolein
ACRNI	Acrylonitrile
ADMIN	Administration
AGC	Silver Compounds
AL-PT	Aluminum (Tsp)
ALC	Aluminum Compounds
ALDHY	Aldehydes
ANILI	Aniline
ANISO	Anisidine,O-
ANTCO	Antimony Compounds (E649921)
AROM	Aromatics
ARSCO	Arsenic Compounds (E649418)
AS	Arsenic
ASC	Arsenic Compounds
BA-PT	Barium
BAC	Barium Compounds
BAYGN	Baygon
BDCEE	Bis(2-Chloroethyl) Ether
BE	Beryllium
BEC	Beryllium Compounds
BENYC	Benzyl Chloride
BENZI	Benzidine
BERCO	Beryllium Compounds (E649947)
BETRC	Benzotrachloride
BIPHE	Biphenyl
BROMO	Bromoform
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
BUT13	Butadiene,1,3-
BZ	Benzene
CAA	Chloroacetic Acid
CACHO	Catechol
CACNA	Calcium Cyanamide
CADCO	Cadmium Compounds (E649954)
CADIS	Carbon Disulfide

Code	Description
CAPRO	Caprolactam
CAPTA	Captan
CARBA	Carbaryl
CATET	Carbon Tetrachloride
CD	Cadmium
CDC	Cadmium Compounds
CE	Coke Oven Emissions
CFC	Chlorofluorocarbons
CHACP	Chloroacetophenone
CHBET	Chlorobenzilate
CHBNZ	Chlorobenzene
CHBT2	Chlorobutadiene,2-,1,3-
CHDIF	Chlorodifluoromethane
CHETB	Chloromethylether,Bis
CHLBN	Chloramben
CHLFO	Chloroform
CHLRD	Chlordane
CHPR3	Chloropropene,3-
CHRCO	Chromium Compounds (E649962)
CH4	Methane
CL	Chlorine
CLD	Chlorinated Dioxin
CLD&F	Chlorinated Dioxin And Furans 2,3,7,8 Congeners Only (Teq) (E17000407)
CLETH	Chloroethane
CLPH	Chlorophenols
CNC	Cyanide Compounds
CO	Carbon Monoxide
COBCO	Cobalt Compounds (E649970)
COC	Cobalt Compounds
COE	Coke Oven Compounds (E649830)
CO2	Carbon Dioxide
COS	Carbonyl Sulfide
CRC	Chromium Compounds
CRSL	Cresol (All Isomers)
CRSLM	Cresol,M-
CRSLO	Cresol,O-
CRSLP	Cresol,P-
CR6PT	Chromium Vi
CU-PT	Copper (Tsp)
CUC	Copper Compounds
CUREN	Curene
C3F6	Perfluoroethane/Hexafluoroethane

Code	Description
C4F10	Perfluorobutane
C6F14	Perfluorohexane
C9H12	Ethylidene-2-Norbornene
DBCP1	Dibromochloropropane,1,2,3-
DBNZF	Dibenzofuran
DCB14	Dichlorobenzene,1,4-
DCB33	Dichlorobenzidine,3,3'-
DCE11	Dichloroethane,1,1-
DCP12	Dichloropropane,1,2-
DCP13	Dichloropropene,1,3-
DDE	Dde (Dichlorodiphenyldichloroethylene)
DDVP	Vapona
DEHP	Ethylhexylphthalate,Bis,2-
DES	Diethyl Sulfate
DIAZM	Diazomethane
DIETA	Diethanolamine
DMANN	Dimethylaniline,N,N-
DMAZ4	Dimethylaminoazobenzene,4-
DMB33	Dimethylbenzidine,3,3'-
DMD44	Diphenylmethanediiisocyanate,4,4'-
DMFNN	Dimethylformamide,N,N-
DMH11	Dimethylhydrazine,1,1-
DMN	N-Nitrosodimethylamine
DMPHT	Dimethyl Phthalate
DMSAT	Dimethyl Sulfate
DMTCH	Dimethylcarbamyl Chloride
DMXBZ	Dimethoxybenzidine,3,3'-
DNBP	Di-N-Butyl Phthalate
DNP	Dinitrophenol,2,4-
DNT24	Dinitrotoluene,2,4-
DOC+	4,6-Dinitro-O-Cresol Including Salts_(E650077)
DT24	Diaminotoluene,2,4-
DXN14	Dioxane,1,4-
EBENZ	Ethylbenzene Aka-Phenylethane
ECH	Epichlorohydrin
EDB	Ethylene Dibromide
EDC	Ethylene Dichloride
EO	Ethylene Oxide
EPB12	Epoxybutane,1,2-
ETACR	Ethyl Acrylate (Inhibited)
ETGLY	Ethylene Glycol
ETHAN	Ethanol
ETHYL	Ethylene Aka-Ethene
ETLEN	Ethyleneimine
ETU	Ethylene Thiourea

Code	Description
FACIL	Facility-Wide Permit Requirements
FD	Fugitive Dust
FE	Fugitive Emissions
FL	Fluorides
FMF	Fine Mineral Fibers_(E649533)
FORM	Formaldehyde
FURAN	Furan
GLYC	Glycerol
GLYET	Glycol Ethers (E651141)
HC	Total Hydrocarbons
HCB	Hexachlorobenzene
HCCH	1,2,3,4,5,6-Hexachlorocyclohexane (Aka Lindane)
HCCPD	Hexachlorocyclopentadiene
HCE	Hexachloroethane
HCL	Hydrogen Chloride
HCY	Hydrogen Cyanide
HC13B	Hexachloro-1,3-Butadiene
HC36	Methyl Ethyl Ketone
HC53	Tetrachloroethylene (Perchloroethylene)
HC81	Xylene(S)
HDRQ	Hydroquinone
HDRZB	Hydrazobenzene
HDRZN	Hydrazine
HF	Hydrofluoric Acid
HFC	Hafnium Carbide
HFCL2	Hafnium Chloride Oxide Hfcl2o
HFCL4	Hafnium Carbide Hfcl4,T-4
HFCS	Hydrofluorocarbons
HFC1	HFC -365mfc
HFC10	HFC -236ea, Propane, Hexafluoro-
HFC11	HFC -245eb, Propane, Pentafluoro
HFC12	HFC-236fa, Propane, Hexafluoro
HFC13	HFC -245fa, Propane, Pentafluoro
HFC14	HFC -245ca, Propane, Pentafluoro
HFC15	HFC -245ea, Propane, Pentafluoro
HFC2	HFC -134a
HFC23	Methane, Trifluoro
HFC3	HFC -143a
HFC32	Methane, Difluoro
HFC4	HFC -134
HFC41	Methane, Fluoro
HFC5	HFC -152a
HFC6	HFC -161
HFC7	HFC -125
HFC8	HFC -4310mee, Pentane, Decafluoro



Code	Description
HFC9	HFC -227ea, Propane, Decafluoro-
HFE	Hydrofluorinated Ethers
HGC	Mercury Compounds
HMPA	Hexamethylphosphoramide
HNO3	Nitric Acid
HPTCR	Heptachlor
HSO4P	Sulfuric Acid
HXMDI	Hexamethylene Diisocyanate
HXNE	Hexane,N-
H2	Hydrogen
H2S	Hydrogen Sulfide
ISBTA	Propane, 2-Methyl-, Isobutane
ISPBZ	Isopropylbenzene Aka-Cumene
ISPR	Isophorone
KETON	Ketones
LEACO	Lead Compounds (E650002)
MAGCO	Manganese Compounds (E650010)
MC	Methylene Chloride
MCANH	Maleic Anhydride
MEA44	Methylenedianiline,4,4'-
MEBRO	Methyl Bromide
MECHE	Methyl Chloromethyl Ether
MECLD	Methyl Chloride
MEISC	Methyl Isocyanate
MERCO	Mercury Compounds (E650028)
MMA	Methyl Methacrylate
MMH	Methyl Hydrazine
MN-PT	Manganese
MNC	Manganese Compounds
MNU	N-Nitroso-N-Methylurea
MPN42	Methylpentanone,4-,2-
MTBE	Ether, Tert-Butyl Methyl
MTNIO	Methane, Iodo-
MTNOL	Methanol
MTXLR	Methoxychlor
MXYL	M-Xylene Aka-1,3-Dimethylbenzene
NAPH	Naphthalene
NB	Nitrobenzene
NDP4	Nitrodiphenyl,4-
NF3	Nitrogen Trifluoride
NH3	Ammonia
NI-PM	Nickel Powder
NI-PT	Nickel
NIC	Nickel Compounds
NIKCO	Nickel Compounds (E650036)

Code	Description
NIPR2	Nitropropane,2-
NMOL	N-Nitrosomorpholine
NO	Nitric Oxide
NO2	Nitrogen Dioxide
NVOC	Non-Volatile Organic Compounds
N2O	Nitrous Oxide
OACID	Organic Acids
OD	Odors
OLEF	Olefins
OT	Other Emissions Other Than Road Based
OXYL	O-Xylene Aka-1,2-Dimethylbenzene
P	Phosphorous (Yellow)
PAH6	Anthracene
PARAF	Paraffins (Alkanes)
PATHI	Parathion
PB	Lead
PBB	Polybrom. Biphenyls
PBC	Lead Compounds
PCBS	Polychlorinated Biphenyls
PCNB	Pentachloronitrobenzene
PCP	Pentachlorophenol
PDAP	Phenylenediamine,P-
PGLY	Propanediol,1,2-
PHNOL	Phenol
PHPNE	Phosphine
PHSGN	Phosgene
PLB	Propiolactone,B-
PM10	Particulate Matter < 10 Um
PM2.5	Particulate Matter < 2.5 Um
PNP	Nitrophenol,P-
POM	Polycyclic Organic Matter
PQNON	P-Quinone
PRAL	Propionaldehyde
PRENM	Propyleneimine
PROSU	Propane Sultone
PROX	Propylene Oxide
PRPYL	Propylene
PT	Total Particulate Matter
PTCAN	Phthalic Anhydride
PX	Pollutant X
PXYL	P-Xylene Aka-1,4-Dimethylbenzene
P1	Fine Particulates: High Probability Of Violation
P2	Fine Particulates: Low Probability Of Violation
P224T	Pentane, 2,2,4-Trimethyl-
QNLNE	Quinoline

Code	Description
RADNU	Radionuclides (Including Radon)5 (E649632)
RD	Radionuclides
ROC	Reactive Organic Compound
RSC	Reduced Silver Compounds
SB-PT	Antimony (Tsp)
SBC	Antimony Compounds
SEC	Selenium Compounds (E650044)
SF6	Sulphur Hexafluoride
SO2	Sulfur Dioxide
SO3	Sulfur Trioxide
SO4	Sulfates
STYOX	Styrene Oxide
STYR	Styrene Aka-Ethenylbenzene
SVOC	Semi-Volatile Organic Compounds
TB124	Trichlorobenzene,1,2,4-
TCA	1,1,1-Trichloroethane
TCDF	Tetrachlorodibenzofuran,2,3,7,8-
TCE12	Tetrachloroethane,1,1,2,2-
TC245	Trichlorophenol,2,4,5-
TC246	Trichlorophenol,2,4,6-
TEA	Triethylamine
TE112	Trichloroethane,1,1,2-
THAP	Total Hap Pollutant
TI	Thallium
TI-PT	Titanium (Tsp)
TIN	Tin, As Sn
TITE	Titanium Tetrachloride
TNMOC	Total Non-Methane Organic Compounds
TOLU	Toluene Aka-Methylbenzene
TOLUO	Toluidine,O-
TOX	Toxaphene
TRFLR	Trifluralin
TS	Total Reduced Sulphur-Sulfide
TSP	Total Suspended Particulate (Physical Property)
T24DI	Toluene,2,4-Diisocyanate
URTHN	Urethane
VC	Vinyl Chloride
VE	Visible Emissions
VHAP	Volatile Organic Hazardous Air Pollutant
VOC	Volatile Organic Compounds
VYAC	Vinyl Acetate
VYBR	Vinyl Bromide
ZN	Zinc
ZNC	Zinc Compounds
11DCE	Dichloroethylene,1,1-

Code	Description
124TB	1,2,4-Trimethylbenzene Aka-Pseudoc
2,4-D	2,4-Dichlorophenoxyacetic Acid
2ACFL	Fluorenylacetamide,N-,2-
2P1DM	2 Propanol, 1 (Dimethylamino)
24XYL	Xylenol
3CLET	Trichloroethylene
43516	Trans-Crotonaldehyde
43520	Cis-Crotonaldehyde
95166	Hydrazine Monohydrate

Underground Injection Control Program  
Memorandum of Agreement

Between

The State of Oklahoma

and

The United States Environmental Protection Agency,

Region 6

I. General

This memorandum of Agreement ("Agreement") establishes policies, responsibilities, and procedures for the State of Oklahoma Underground Injection Control Program for Class II injection wells (State Program) as authorized by Part C Section 1425 of the Safe Drinking Water Act, Pub. L. 93-523 as amended (SDWA or the Act).

This agreement is entered into by the Oklahoma Corporation Commission and signed by Hamp Baker, Chairman, O.C.C. (the State), the State Class II UIC Director Designee, T. A. Minton, Director of Underground Injection Control, O.C.C. (State Director) with the United States Environmental Protection Agency, Region 6 and signed by Frances E. Phillips, Acting EPA Regional Administrator (EPA or Regional Administrator). After it is signed by the State and Regional Administrator, this agreement shall become effective the date the notice of State Program Approval is published in the Federal Register.

This Agreement may be modified upon the initiative of the State or EPA. Modifications must be in writing and must be signed by the Director and the Regional Administrator. Modifications may be made by revision prior to the effective date of this Agreement or after the effective date by consecutively numbered and dated addenda attached to this Agreement.

This Agreement shall remain in effect as long as the State has primary enforcement authority for the State Program.

When the State has a fully approved program, EPA will not take enforcement actions without providing prior notice to the State and otherwise complying with Section 1423 of the SDWA.

The State shall administer the State Program in accordance with the program submission\*, the SDWA, and applicable regulations.

\* The State Program submission for primary enforcement authority shall include: (1) a letter from the governor requesting program approval, (2) a complete program description, (3) an Attorney General's statement, or independent legal counsel's certification, as appropriate, (4) this Agreement, and (5) copies of all applicable State statutes and regulations.

Class II MOA



The Corporation Commission has the statutory authority, available expert personnel and the fiscal capabilities necessary to carry out such a program of regulation of Class II injection wells. The Commission has been designated by Governor George Nigh as the official state jurisdictional agency to implement such program of regulation and thereby affirm the State of Oklahoma's willingness to carry out the program.

EPA shall promptly inform the State of the issuance, content, and meaning of Federal statutes, regulations, guidelines, standards, judicial decisions, policy decisions, directives, and any other factors which might affect the State Program.

The State shall promptly inform EPA of any proposed or pending modifications to laws, regulations, or guidelines, and any judicial decisions or administrative actions which might affect the state Program and the State's authority to administer the program. The State shall promptly inform EPA of any resource allocation changes (for example, personnel, budget, equipment, etc.) which might affect the State's ability to administer the program.

An underground source of drinking water (USDW) for purposes of the State Program under this Agreement shall be defined as an aquifer or portion thereof which supplies water for human consumption, or in which the ground water contains fewer than 10,000 mg/l TDS, and is not an exempted aquifer. An aquifer or portion thereof which would otherwise meet the definition of USDW may be exempted from protection under this program by the Director after public notice and opportunity for public hearing upon approval by the Regional Administrator. An aquifer or portion thereof may be exempted if it does not currently serve as a source of drinking water and it cannot now and will not in the future serve as a source of drinking water because:

- (1) It is mineral, hydrocarbon or geothermal energy producing;
- (2) It is situated at a depth or location which makes recovery of water for drinking water purposes economically or technologically impractical;
- (3) It is so contaminated that it would be economically or technologically impractical to render that water fit for human consumption; or
- (4) It is located over a Class III well mining area subject to subsidence or catastrophic collapse.

Subsequent to program approval, no aquifer may be exempted without opportunity for public hearing and EPA approval.

## II. Responsibilities

### A. Sharing of Information on Class II Operations.

All information and records obtained or used in the administration of the State Program, including all UIC permit files, shall be available to EPA or its authorized representative upon request without restriction. Any information obtained from the State by EPA which is subject to a claim of confidentiality shall be treated by EPA in accordance with EPA regulations governing confidentiality (40 CFR Part 2).



EPA shall furnish to the State the information in its files which the State needs to implement the State Program, subject to EPA regulations governing confidentiality (40 CFR Part 2) and Federal provisions governing data transfer.

The State shall retain records used in the administration of the program for three years (40 CFR Parts 30 and 35) and all mechanical integrity records for five years. In the event that an enforcement action is pending, all records pertaining to such action shall be retained until such action is resolved and three years thereafter.

#### B. State Reports on Class II Operations

The State shall submit to the Regional Administrator periodic reports, no more frequently than quarterly, as specified in the annual program grant. Periodic reports, due to EPA no later than 30 days after the end of the period, shall describe work progress by program element.

The State shall submit to EPA an annual program report. This report shall include a detailed description of the State's implementation of its program, suggested program changes, a description of activities by program element, including summaries of monitoring, surveillance and enforcement programs, an estimate of expenditures by program element, an account of all complaints reviewed by the State and action taken, and an updated inventory of active underground injection operations. This report shall be due to EPA no later than 45 days after the end of the federal fiscal year.

The State shall submit all reports in the format requested by EPA.

#### C. Program Evaluation for Class II Operations

EPA shall conduct an annual evaluation of the State Program using the State reports and requested information to determine State Program consistency with the program submission, the SDWA, the applicable regulations, and applicable guidance and policies. The evaluation will include a review of financial expenditures.

EPA shall submit a draft of the program evaluation to the State for their review and comment within 15 working days after the submission of the annual program report. The State shall have 15 working days to submit comments on the draft evaluation to EPA. EPA shall make recommendations to the State based on the program evaluation. EPA shall prepare the final report and forward it to headquarters.

EPA shall conduct a second evaluation during the year at their discretion.


#### D. Compliance Monitoring and Enforcement for Class II Operations

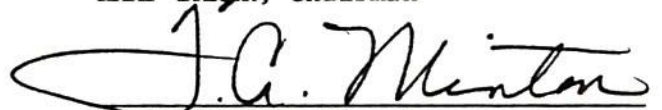
The State shall enforce the State Program in accordance with the enforcement procedures outlined in the program submission. The State shall take timely and appropriate enforcement actions against any persons in violation of any State program requirement. Situations endangering human health will receive immediate and paramount attention.

EPA will provide technical assistance, as available, to the State on compliance, enforcement and emergency response, with the State taking the lead in such actions. However, nothing in this agreement shall restrict EPA's oversight authority.

EPA shall conduct periodic site and activity inspections on Class II injection operations. The Regional Administrator will normally notify the State at least seven days before any such inspection and allow opportunity for the State to accompany EPA on any such inspection.

CORPORATION COMMISSION OF OKLAHOMA

  
HAMP BAKER, Chairman

  
T. A. MINTON, Director  
Underground Injection Control Dept.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

  
EPA Regional Administrator (6A)